

ABSTRACT

The present invention provides methods for producing humanized antibodies and increasing the yield of antibodies and/or antigen binding fragments when produced in cell culture. In one aspect of the invention, at least one framework region amino acid residue of the variable domain is substituted by a corresponding amino acid from a variable domain consensus sequence subgroup that has the most sequence identity with the HVR1 and/or HVR2 amino acid sequence of the variable domain. In another aspect, an amino acid is placed at a position proximal to a cys residue that participates in an intrachain variable domain disulfide bond that corresponds to an amino acid found at that position in a variable domain consensus sequence subgroup that has the most sequence identity with the HVR1 and/or HVR2 amino acid sequence of the variable domain.